

NINTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL

AT NORTHAMPTON.

OCTOBER, 1864.

BOSTON:

WRIGHT & POTTER, STATE PRINTERS,

No. 4 SPRING LANE.

1865.

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Commonwealth of Massachusetts.

NINTH ANNUAL REPORT

OF THE

TRUSTEES OF THE NORTHAMPTON LUNATIC HOSPITAL.

*To His Excellency the Governor of the Commonwealth, and the
Honorable Council :*

The Trustees of the Northampton Lunatic Hospital present their Ninth Annual Report.

In making a summary review of the year just closed, we have visited the hospital, officially and formally, as often as the General Statutes of the Commonwealth and the by-laws of the institution require; and in addition to these, one or more members of the board have repeatedly, without notice, passed through the halls, and made thorough examination into the condition of the buildings, in their various departments; inquired into the condition and wants of the inmates; looked over the farm and gardens, and suggested, from time to time, any change or improvements which occurred to any one of us; and we find nothing of which to complain, as to neglect, or mistake, or wrong; and the interests of the institution have been carefully watched and promoted, as far as possible, by all connected with its operations.

In our last Report, we represented that the anticipated reduction in the prices to be charged for board, and the increasing cost of supplies, would probably find the hospital largely in debt, at the close of the year now past, and in need of appropriations from the legislature to meet such deficiency.

Such an application was found necessary, and was received and considered in the same candid, paternal spirit, with which they had ever before met our representations of the wants of the institution; and after careful inquiry by the Committee on Charitable Institutions, with the ready and valuable coöperation of the Board of State Charities, a Resolve was passed by the legislature which provided for the payment of the deficiency of expenses over income up to the first of January, 1864; for exchanging our existing, for improved, heating apparatus, which it is believed will reduce very considerably the expenses, as well as add greatly to the health and comfort of all in the establishment; and for paying, in advance, at the commencement of each quarter, ninety per cent. of the cost of supporting the State paupers, as estimated by the Board of State Charities; thus enabling us to save several hundred dollars in interest which has heretofore been paid on loans of money at the banks.

We desire to express our thanks for the prompt, cheerful and judicious response which the legislature made to our application as guardians of a most important, useful and now indispensable charitable institution, and to acknowledge, gratefully, the ready and valuable suggestions, aid and coöperation of the Board of State Charities, in providing the means of advancing the best interests of the institution.

We have had the satisfaction, within a few months past, to realize the benefits, present and prospective, of conveying from springs issuing from our own grounds and collected in a reservoir, an abundant supply of pure water, for all the uses of the hospital, the sources of which we believe, from the experience of the past season of unprecedented drought, to be unfailing; and have confidence, also, in the efficiency of the machinery to carry the water to any part of our buildings.

We have labored, long and earnestly, to secure this great object, so important to the health of all residents, and so great a security to life and property against fires, accidental or intentional, and our apparently perfect success, gives occasion for the highest satisfaction and congratulation.

We refer to the report of the Superintendent to the Trustees for statements in detail, of the condition of the institution, the number of inmates, the various changes and the average of numbers, for the whole year ; for a list of the salaried officers and the amount of their salaries ; and such other statistical information, arranged in proper tables, and under appropriate titles, as are required by the sixth section of the seventy-third chapter of the General Statutes of the Commonwealth.

An exposition of the state of the finances of the institution is also included in the report of the Superintendent. It has been examined by the Trustees and approved as correct.

About the middle of the past year, Dr. William Henry Prince, who took charge of the hospital as its first Superintendent, and who had devoted himself most laboriously and skilfully to the organization of the various departments, and succeeded satisfactorily in reducing all that was new and unformed and untried, both externally and internally, to order and system ; and who had conducted its operations under great difficulties, trials and opposition from "high places," to the satisfaction of the Trustees, and by his energy, good judgment and decision of character, well earned the confidence of the community, felt obliged to retire, and so tendered his resignation of the office ; and the Trustees, with sincere regret, felt constrained to accept it.

And they desire, in this public official report, to bear testimony to his ability, faithfulness and success, and to acknowledge the debt of thanks which is due to him from this immediate community and the public, for his unselfish devotion, and his untiring and successful efforts to lay so broad the foundation, and so essentially to shape and direct so important an institution, and the great pleasure it has given them to witness, with him, the beneficent results of his labors. He retired from the office at his own request, while enjoying the respect and confidence of this board and the public.

Of his successor, it becomes us now, as he has but just entered upon the duties of the position, only to say, that it is no disparagement to the learning, skill or reputation of any one of the numerous candidates for the office, to remark that the Trustees, after the most patient, careful and widely extended inquiry, have selected and appointed one whose thorough

classical education, his long and large experience in the care and oversight of insane asylums, his extensive acquaintance with the management of similar institutions in this and in foreign countries, his acknowledged ability and influence as a writer and author, his age and well established professional reputation at home and abroad, have secured for him the unanimous vote of this Board, in the full conviction that he possesses, in an eminent degree, peculiar qualifications for this most responsible position, and which give assurance of his ability not only to maintain, but to increase and advance the usefulness and already acquired high and enviable reputation of this great public charity.

Of the Assistant-Physician, Dr. C. K. Bartlett, the Trustees cannot omit to say, that by his long and faithful services in that capacity, and who in the interval between the resignation of Dr. Prince and the appointment of Dr. Earle, as temporary Superintendent, assumed and managed well all the affairs of the institution, he has earned and received our increased confidence and respect; and we desire to express our high sense of his readiness to remain in the position which he has hitherto occupied with the former Superintendent, and that he so cordially welcomes the present Superintendent, and coöperates so harmoniously with him.

We can form no reliable opinion as to the amount of the receipts being equal to the expenses for the coming year—so many contingencies entering into the account, which cannot be foreseen or provided for in advance. We can only give assurance that every effort will be made to manage every department so as to secure the greatest possible economy and efficiency, and to promote, in the broadest and most comprehensive sense, the humane and benevolent objects of the institution.

Respectfully submitted.

ELIPHALET TRASK,
EDWARD DICKINSON,
S. M. SMITH,
WALTER LAFLIN,
EDWARD HITCHCOCK,

Trustees.

OCTOBER 1, 1864.

T R E A S U R E R ' S R E P O R T .

To the Trustees of the Northampton Lunatic Hospital :

The Treasurer respectfully submits the following statement of the Receipts and Expenditures for the year ending September 30, 1864 :

R E C E I P T S .

Balance in hands of Treasurer Sept. 30, 1863,	\$300 89
Received for board of private patients,	19,418 52
for board of town paupers,	7,428 62
for board of State paupers,	38,194 01
on sundry accounts,	546 40
for animals and produce of farm sold,	2,275 37
for houses sold,	1,025 00
for appropriation,	9,888 31
of W. H. Prince, Treasurer,	944 35
Borrowed of banks,	4,000 00
	\$84,021 47

P A Y M E N T S .

For provisions and supplies,	\$24,948 22
fuel,	8,153 85
gas and oil,	2,198 42
wages and salaries,	12,049 14
furniture,	742 76
dry goods and clothing,	5,928 33
contingencies,	2,603 10
farm,	2,788 80
farm stock,	2,671 08

8 LUNATIC HOSPITAL AT NORTHAMPTON. [Oct.

For repairs,	\$2,420 86
general improvements,	1,123 31
appropriation,	6,280 00
advancements,	104 25
miscellaneous,	1,034 94
banks,	10,000 00
Balance in hands of Treasurer,	974 41
	<hr/>
	\$84,021 47

S. M. SMITH, *Treasurer.*

The Committee appointed to audit the accounts of the Treasurer have attended to the duties assigned them, and report that they have examined the books and accounts of the Treasurer, and find proper vouchers for all entries made.

ELIPHALET TRASK.
WALTER LAFLIN.

SUPERINTENDENT'S REPORT.

To the Board of Trustees of the Northampton Lunatic Hospital:

GENTLEMEN,—Another fiscal year of this hospital having expired, the undersigned respectfully presents the annual report required by the statutes of the State, as well as by the by-laws of the institution.

The date of my first connection with the hospital is so recent, that you will not expect either so extensive or so detailed a discussion of its affairs as would be proper under other circumstances.

The general statistics for the year are contained in the following table:

	Men.	Women.	Total.
Patients in hospital Sept. 30, 1863, .	167	216	383
Admitted in course of the year, .	48	45	93
Whole number in course of the year, .	215	261	476
Discharged, including deaths, .	71	71	142
Remaining Sept. 30, 1864, .	144	190	334

Condition of the patients discharged:

Recovered,	30	18	48
Improved,	20	18	38
Unimproved,	4	5	9
Died,	17	30	47
Monthly average of patients in hospital,	—	—	358½

Of the patients discharged, nine men were admitted for delirium tremens, or habitual intemperance, and not for insanity proper. Six of them are reported among the *recovered* and three among the *improved*.

The number of recoveries, although larger than in any former year since the opening of the hospital, does not constitute a large percentage upon the whole number of patients. This arises from the fact, well known to all who are conversant with the affairs of this hospital, that a very large majority of the patients were suffering under chronic mental disorder, many of them having been inmates of one or two other hospitals, whence they were transferred to this institution as incurables.

Of the three hundred and thirty-four patients remaining this day in the hospital, not one in ten presents any reasonable probability of recovery. Hence we have no very encouraging prospect for cures among those who are now here. The principal object must be to render their residence as comfortable and as pleasant as circumstances will permit, and by a proper regimen, both physical and mental, to prevent as far as possible, any farther deterioration of their condition.

To those who, laboring under recent attacks of insanity, may hereafter be intrusted to the protection and care of this hospital, are presented the advantages of one of the most beautiful and salubrious locations, of pleasant and well-ventilated apartments, and of a sufficient variety of these facilities for exercise, recreation, amusement and mental entertainment which constitute the means for what is called "moral treatment." To the prospective patients of this class we look with confidence for the usual proportion of cures.

Among those who were discharged "improved," were some who, could they have remained a sufficient time under treatment, would doubtless have returned to their families and friends "recovered." It is always unpleasant to the physicians of a hospital to see a patient taken from their care when the advantages of treatment have just begun to be manifested, and thus present a justifiable foundation for the belief of ultimate success. But the greatest evil of the proceeding falls upon the patient himself, and, next to him, upon his relatives, friends or guardians.

By a consultation of the table of "Causes of death," it will be perceived that nearly all the mortality of the past year has arisen from chronic disorders. Of the patients who died, 31 were State paupers, 5 town paupers, and 11 boarders. Thus the great mass of fatal cases were among those who had long

been insane, and whose constitutions had been broken down by disease. Thirty-four of them had been in the hospital more than one year, fifteen of them more than five years. One patient was more than eighty years of age at the time of decease, and two others between seventy and eighty years.

There has been but very little acute disease, at any time in the course of the year. Although dysentery prevailed to a somewhat alarming extent, in this vicinity, during the unusually warm weather of the summer just gone by, yet there were but two or three cases in the hospital, and those were so slight in severity, and so amenable to treatment, that they were readily restored by the ordinary remedies.

Of the three hundred and thirty-four patients now in the house, one hundred and forty-three are Americans, and one hundred and ninety-one foreigners. Seventy-three are boarders, forty-five town paupers, and two hundred and sixteen State paupers.

The usual tables of statistics in relation to other points in the history of the patients, will be found in the Appendix.

IMPROVEMENTS.

The alterations in the apparatus for heating the hospital building, for which an appropriation was made by the last legislature, were begun in the early part of the summer, and are now far advanced towards completion. So far as an opinion in regard to the results can now be formed, it appears that a greater quantity of heat will be generated with a less quantity of fuel, and that the heat will be much more uniformly distributed than it was under the former system.

The new apparatus is put in by George Dwight, Jr. & Co., of Springfield. Three tubular boilers, sixteen feet long by four feet in diameter, are substituted for the four old flue boilers, which were twenty-eight feet in length by four feet in diameter.

From experience with the new ones hitherto, it is believed that one of them will generate nearly twice as much steam as one of the old ones.

Under the former system, the radiators were placed in air-chambers in the basement of every section of the wings, and the heated air ascended thence, by flues, into the halls and dormitories.

By Mr. Dwight's plan, a part of the radiators are placed in the main supply-flue of air running from the fan to the air-chambers, and the rest are in the halls. Hence there will be a *general* supply of heat from the former, and a *local* supply from the latter.

The contractors have full confidence that the whole building will be thoroughly warmed, while some of the disadvantages of the former method will be obviated:

The arrangements for supplying the buildings with water from the spring upon the premises have been completed, and are now working well. The capacity of the spring to furnish a sufficient quantity of water for all needful purposes, at both the house and the out-buildings, has been pretty thoroughly tested and proved. Throughout the almost unprecedented drouth of the past summer it did not fail; and hence it may be assumed, with a certainty nearly positive, that it will suffice for any future drouth.

Besides the usual progress in the reclamation of untilled land, stone under-drains have been made by the farmers and patients to an extent which, if done by contract, or by labor procured for the special purpose, would probably have cost one hundred dollars.

During the last six weeks, one attendant and several patients have been employed in cutting the underbrush and felling some of the trees in the wood at the north and north-west of the hospital, thus converting it into a more agreeable grove for the benefit of the male patients, similar to that which is east of the house and resorted to by the females.

PRODUCTS OF THE FARM.

The early potatoes proved a partial failure in consequence of the dry weather; but, aside from this, the crops furnished at least an average yield. The house has been supplied through the summer with vegetables grown upon the premises, and Mr. Wright, the Farmer, has made the subjoined estimate of the products now on hand. In regard to some of them this estimate is necessarily merely approximative, because the crops are still in the field. A considerable part of the hay is from grass bought standing, off the premises. The hay *grown upon the farm* is estimated at forty tons.

140 tons hay,	\$3,500 00
10 " corn fodder,	50 00
$\frac{1}{2}$ " oat straw,	3 75
4,200 cabbages,	252 00
900 bushels carrots,	450 00
1,500 " potatoes,	1,125 00
1,625 " turnips,	325 00
725 " beets,	217 50
30 " broom corn seed,	10 50
200 " corn,	300 00
25 " oats,	25 00
10 " buckwheat,	12 50
200 " onions,	400 00
2 " seed beans,	10 00
40 barrels apples,	80 00
6 " cider,	24 00
500 pounds broom brush,	62 50
4,000 " winter squash,	80 00
Total,	<u>\$6,927 75</u>

THE SEWING ROOM.

A large part of the labor within doors which is performed by patients, is in the daily routine of domestic duty which leaves no tangible results. But in the sewing room, besides the necessary mending of clothes, the following garments and articles of household furniture have been made :

Gowns,	351	Under vests,	2
Chemises,	163	Sheets,	604
Nightgowns,	8	Pillow-cases,	482
Skirts,	181	Bed-ticks,	68
Aprons,	62	Pillow-ticks,	12
Sun-bonnets,	25	Napkins,	36
Capes,	4	Rollers,	43
Waists,	2	Towels,	336
Shirts,	224	Tablecloths,	8
Pantaloons,	4	Curtains,	9
Jackets,	10	Clothes-bags,	7
Coats,	2	Ox-blankets,	2
Sacks,	6	Drawers, pairs,	23
Collars,	36	Stockings, "	173
Caps,	9	Suspenders, "	29
Handkerchiefs,	69	Mittens, "	5

In closing this brief review of the affairs of the hospital, I gladly seize the opportunity to acknowledge the honor conferred upon me by placing in my hands the immediate superintendence of the institution under your care,—an institution the offspring of a Christian age and a monument of the benevolence and beneficence of a liberal, enlightened and philanthropic people.

The responsibility has been received not in ignorance of its magnitude, regarded simply in the extent of the hospital, nor yet without a consciousness of the fact that to make such a hospital all that it ought to be, as the custodian and protector of its inmates, the conservator of their bodily health and the promoter of their mental restoration, the requisite amount of labor is such that the position is not a sinecure, but a post of unremitting toil. That its burden will be lightened by your counsel, approbation and support in every measure for the true welfare of those for whose benefit the hospital was founded, no assurance is required.

To Dr. Bartlett, who for several months had successfully acted as Superintendent, and from whom I immediately received the trust, I am much indebted for that assistance which an intimate knowledge of the establishment enabled him to render, and for a cordial co-operation which took from the trials of a new position the larger part of their severity.

The Supervisors, occupying places of great importance in the management of the internal affairs of the institution, are vigilant and faithful, and the corps of attendants industrious and efficient.

Thus situated, we look forward to the coming year in the confident trust that an earnest endeavor on the part of all concerned in the performance of the duties of the hospital, to perform those duties aright, will be followed by results beneficial to the patients, satisfactory to themselves, not discreditable to the Commonwealth, and not displeasing to the blessed Father who watcheth over all.

PLINY EARLE, *Superintendent.*

SEPTEMBER 30th, 1864.

A P P E N D I X .

TABLE NO. 1,
Showing the Supposed Causes of Insanity.

SUPPOSED CAUSES.	Males.	Females.	Total.
Fright,	—	1	1
Overwork,	1	1	2
Intemperance,	20	—	20
Epilepsy,	8	—	8
Loss of property,	—	2	2
Religious excitement,	1	—	1
Ill health,	2	5	7
Old age,	—	1	1
Puerperal,	—	3	3
Death of friend,	1	1	2
Unknown,	15	31	46
Totals,	48	45	93

TABLE NO. 2,
Showing the Occupations of the Male Patients.

Artist, 1	Students, 2
Merchants, 7	Laborers, 11
Clerks, 6	Reporters, 2
Minister, 1	Joiners, 2
Farmers, 10	Manufacturers, 3
Armorer, 1	Soldier, 1
Mason, 1	Total, 48

TABLE No. 3,
Showing the Civil Condition of the Patients admitted.

CIVIL CONDITION.	Males.	Females.	Total.
Married,	30	12	42
Widowed,	2	8	10
Single,	13	23	36
Unknown,	3	2	5
Totals,	48	45	93

TABLE No. 4,
Showing the Ages of all admitted during the year.

	Males.	Females.	Total.
Between 10 and 20 years,	3	2	5
20 and 30 years,	8	19	27
30 and 40 years,	12	4	16
40 and 50 years,	9	7	16
50 and 60 years,	9	7	16
60 and 70 years,	6	5	11
Over 70 years,	1	1	2
Totals,	48	45	93

TABLE No. 5,
Showing the Ages at which Insanity appeared.

AGES.	Males.	Females.	Total.
Between 10 and 20 years,	6	4	10
20 and 30 years,	6	16	22
30 and 40 years,	6	4	10
40 and 50 years,	5	6	11
50 and 60 years,	4	1	5
60 and 70 years,	1	1	2
Over 70 years,	—	1	1
Unknown,	20	12	32
Totals,	48	45	93

TABLE No. 6,
Showing the Duration of the Disease before admission.

DURATION OF THE DISEASE.	Males.	Females.	Total.
Less than one year,	8	14	22
From 1 to 2 years,	5	3	8
2 to 5 years,	2	6	8
5 to 10 years,	3	—	3
10 to 15 years,	3	2	5
Fifteen years and over,	2	6	8
Unknown,	25	14	39
Totals,	48	45	93

TABLE NO. 7,
Showing the Causes of Death in those deceased.

CAUSES OF DEATH.	Males.	Females.	Total.
Paralysis,	3	1	4
Pneumonia,	1	—	1
Phthisis,	3	16	19
Chronic diarrhœa,	1	1	2
Exhaustion,	2	1	3
Marasmus,	3	9	12
Strangulated hernia,	1	—	1
Disease of stomach,	1	—	1
Epilepsy,	2	1	3
Typhamania,	—	1	1
Totals,	17	30	47

TABLE NO. 8,
Showing the last Residence of the Patients admitted during the year.

COUNTIES.	Males.	Females.	Total.
Hampshire County,	11	15	26
Hampden County,	12	15	27
Franklin County,	2	9	11
Berkshire County,	6	3	9
Middlesex County,	1	—	1
Worcester County,	2	—	2
Other States,	14	3	17
Totals,	48	45	93

TABLE No. 9,

Showing the number of Patients remaining at the end of each Month.

MONTHS.	Males.	Females.	Total.
October 31, 1863,	165	208	373
November 30, 1863,	164	207	371
December 31, 1863,	159	198	357
January 31, 1864,	158	203	361
February 29, 1864,	156	202	358
March 31, 1864,	159	201	360
April 30, 1864,	160	199	359
May 31, 1864,	160	199	359
June 30, 1864,	160	199	361
July 31, 1864,	161	200	358
August 31, 1864,	157	201	352
September 30, 1864,	144	190	334

Average, 358½.

TABLE No. 10,

Showing the Proportion of Commitments.

Committed by Judges and Courts,	33
Overseers of Poor,	7
Board of State Charities,	4
Friends,	49
Total,	93

TABLE No. 11,
Showing by whom the Patients will probably be supported.

Supported by State,	24
Towns,	18
Friends,	51
Total,	<u>93</u>

TABLE No. 12,
Showing the Nativity of the Patients.

NATIVITY.	Males.	Females.	Total.
America,	42	34	76
Ireland,	6	11	17
Totals,	48	45	93

NORTHAMPTON LUNATIC HOSPITAL.

I hereby certify that the following is a correct statement of the condition of the affairs of this institution, and of the business transacted for the year ending September 30th, 1864, as shown by the account books.

Amount of annual appropriation for the current year unexpended,	\$974 41
Amount of liabilities,	13,945 68
Value of real estate on the 30th Sept., 1864, as appraised by Trustees,	227,500 00
Value of personal estate on the 30th Sept., 1864, as appraised by ———,	44,284 01
Amount of special appropriation made in 1864, unexpended,	
Amount of expenditures for salaries and current expenses for the year,	63,222 89
Amount for repairs and extraordinary expenses for the year,	19,824 17
Amount of cash drawn from the State treasury, including cash on hand, Oct. 1, 1863,	48,383 21
Amount received from other sources,	35,638 26

PLINY EARLE,

Superintendent.

ASSETS.

1. Real estate :

180 acres of land,	\$16,000 00
Hospital building,	200,000 00
Large barn,	5,000 00
Horse barn,	2,000 00
Spring pump-house,	1,000 00
River pump-house,	500 00
Bowling alley,	1,000 00
Farm house,	2,000 00
	<hr/>
	\$227,500 00

2. Personal estate :

Live stock on farm,	\$4,934 00
Produce of farm on hand,	6,927 75
Carriages and agricultural implements,	1,220 00
Machinery and mechanical fixtures,	10,186 00
Beds and bedding in inmates' department,	7,994 70
Other furniture in inmates' department,	5,601 01
Personal property of State in Superintendent's rooms,	1,470 99
Ready-made clothing,	830 25
Dry goods,	530 14
Provisions and groceries,	1,759 17
Drugs, medicines, &c.,	275 00
Fuel,	2,125 00
Library,	430 00
	<hr/>
	\$44,284 01

RECEIPTS.

Amount of annual appropriation for 1864,	\$38,194 01
Amount of unexpended appropriation for 1863, transferred to 1864,	300 89
Amount of special appropriation,	9,888 31
	<hr/>
Total of appropriations received,	\$48,383 21

Amount received from all other sources, viz.:

From private board,	\$19,418 52
town board,	7,428 62
sundry accounts,	546 40
animals and produce of farm sold,	2,275 37
houses sold,	1,025 00
W. H. Prince,	944 35
loans,	4,000 00
	<hr/>
Total receipts,	\$84,021 47

CURRENT EXPENDITURES.

1. Salaries, wages and labor:

W. H. Prince, <i>Superintendent</i> ,	\$800 00
W. H. Prince, <i>Treasurer</i> ,	150 00
C. K. Bartlett, <i>Temp'y Super't</i> ,	400 00
C. K. Bartlett, <i>Ass't Physician</i> ,	505 00
S. M. Smith, <i>Treasurer</i> ,	75 00
F. L. Eldredge, <i>Clerk</i> ,	125 00
C. M. Moody, "	236 67
Asa Wright, <i>Farmer</i> ,	570 83
Newman Taylor, <i>Farm hand</i> ,	122 97
Andrus Allen, "	253 00
Stiles Smith, "	207 12
John Atchison, "	156 00
D. E. Heath, "	208 96
F. Colton, "	54 00
E. W. Strong, <i>Carpenter</i> ,	411 50
George W. Taylor, <i>Engineer</i> ,	570 00
Wilson Spear, <i>Ass't Engineer</i> ,	199 00
F. H. Gilbert, "	296 26
Charles Zichlke, <i>Baker</i> ,	338 00
F. J. Rice, <i>Cook</i> ,	360 00
L. P. Strong, <i>Kitchen hand</i> ,	24 00
E. D. Strong, "	60 00
Jerusha Howe, "	142 28
Julia Bemis, "	123 00
Lydia Osgood, "	128 00
Helen W. Lee, <i>Laundress</i> ,	160 40
Angeline Whitbeck, "	160 40

Sarah R. Phelps, <i>Seamstress</i> ,	.	\$156	25
Jane L. Rice,	“	38	13
Fidelia Bradford, <i>Care of rotunda</i> ,		92	87
Sarah McCue, <i>House-maid</i> ,	.	119	44
H. H. Rand, <i>Supervisor</i> ,	.	301	00
J. B. Davis, <i>Attendant</i> ,	.	38	96
J. E. Warfield,	“	91	04
Lanson Drury,	“	85	00
James O’Neil,	“	178	67
Alonzo Phillips,	“	134	25
Walter Winter,	“	119	06
S. H. Keith,	“	28	76
John Algard,	“	57	80
Perry Davis,	“	139	33
W. H. Robinson,	“	146	77
L. M. Blodgett, <i>Watchman</i> ,	.	222	00
Dwight E. Sanford, <i>Attendant</i> ,	.	163	06
Jeremiah Shufelt,	“	157	97
John L. Fish,	“	110	94
Edwin T. Hervey,	“	157	00
S. A. Wilson,	“	52	88
M. D. Fletcher,	“	78	76
George Loyd,	“	101	25
Edwin Whitmore,	“	120	00
D. W. Beals,	“	43	63
Morgan H. Arnold,	“	26	87
A. M. Knight,	“	26	87
Abby P. Burnham, <i>Supervisor</i> ,	.	146	63
Julia A. Buxton,	“	59	98
Mary A. Williams,	“	117	32
Lizzie M. Quimby, <i>Attendant</i> ,	.	38	66
E. C. Moulton,	“	130	00
Lydia H. Carey,	“	65	33
Louisa Dodge,	“	130	00
Sarah W. Anderson,	“	130	00
A. Maria Norris,	“	130	00
S. Frances Norris,	“	130	00
Agnes S. Wilson,	“	130	00
Sarah Lovering,	“	124	00
Julia A. Cook,	“	130	00

Elida Stowell, <i>Attendant</i> , . . .	\$20 00
Roxa A. Angier, “ . . .	130 00
Hattie M. Ormsby, “ . . .	127 33
A. F. Harris, “ . . .	36 66
Marion S. Conner, “ . . .	81 95
Sarah C. Tyler, “ . . .	71 67
Carrie Sawin, “ . . .	45 20
Mary E. Barr, “ . . .	32 70
Paid for labor,	215 76

Total for salaries, wages and labor, . . . \$12,049 14

2. Provisions and supplies :

Meats of all kinds, . . .	\$5,482 54
Fish of all kinds,	689 51
516 bbls. flour,	3,892 23
Meal for table,	694 19
Tea and coffee,	1,024 75
Sugar and molasses,	3,062 22
Milk, butter and cheese,	2,986 41
All other provisions and supplies,	6,782 89

Total for provisions and supplies, . . . \$24,614 74

3. Clothing and dry goods,	5,928 33
4. Fuel and lights,	10,352 27
5. Medicines and medical supplies,	333 48
6. Furniture, beds and bedding,	742 76
7. Farm,	2,788 80
8. Farm stock,	2,671 08
Miscellaneous expenses,	3,742 29

Total current expenditures, . . . \$63,222 89

EXTRAORDINARY EXPENDITURES.

1. Balance of cost between old and new boilers,	\$3,126 50
2. Paid for re-setting boilers and steam pipe,	3,153 50
3. General repairs, painting, varnishing, carpentering, &c.,*	2,420 86

*Part of this amount was for *ordinary* repairs, but it was impossible to separate the two.

4. Miscellaneous expenditures,	\$1,123 31
5. Loans,	10,000 00
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	\$19,824 17

LIABILITIES.

Elisha Graves, for grass,	\$120 00
Henry Strong, "	54 00
J. C. Clark, "	50 00
Town of Northampton, for grass,	80 00
C. Clarke, Trustee, "	108 00
J. L. Lathrop, "	150 00
C. E. Bartlett, "	158 75
Miscellaneous bills, as per vouchers,	7,547 31
1st National Bank of Northampton,	4,000 00
Salaries and wages unpaid,	1,677 62
	<hr/>
Total liabilities,	\$13,945 68

CASH.

Dr.

To Cash on hand, Oct. 1, 1863, \$300 89	
drawn fr. State treas'y, 48,082 32	
received from sale of	
produce and animals, 2,275 37	
rec'd from other sources, 33,362 89	
	<hr/>
	\$84,021 47

Cr.

By amount expended—	
For salaries, wages, &c., . \$12,049 14	
For provisions, supplies, drugs,	
fuel and lights, 35,300 49	
For clothing and furniture, . 6,671 09	
For repairs and improvements, 9,824 17	
For farm, 5,459 88	
For miscellaneous expenses, . 3,742 29	
For loans, 10,000 00	
By balance on hand, September	
30, 1864, 974 41	
	<hr/>
	\$84,021 47

SUMMARY OF THE ABOVE.

Total Receipts,	\$84,021 47
Total Expenditures,	83,047 06
Cash on hand,	974 41
Total Liabilities,	13,945 68
Total Debts due the Institution,	12,207 40
Balance of Liabilities,	1,738 28

I consider the expenses of the institution, for the year 1863-4, to have been \$63,222.89.

During the year my average number of inmates has been 358 $\frac{1}{2}$.

Dividing the current expenses by the average number of inmates, gives an average annual cost of . \$176 35

And an average weekly cost of *3 39

PLINY EARLE, *Superintendent.*

We have examined the above statement, and believe it to be correct.

ELIPHALET TRASK,
EDWARD DICKINSON,
S. M. SMITH,
WALTER LAFLIN,
EDWARD HITCHCOCK,
Trustees.

*The cost of *ordinary repairs* included under the head of *extraordinary repairs*, would probably make the average weekly cost \$3.50.

LIST OF SALARIED OFFICERS, AND THEIR SALARIES.

Pliny Earle, M. D., <i>Superintendent</i> ,	\$1,600 00
S. M. Smith, <i>Treasurer</i> ,	300 00
C. K. Bartlett, M. D., <i>Assistant Physician</i> ,	700 00
C. M. Moody, <i>Clerk</i> ,	500 00
Asa Wright, <i>Farmer</i> ,	600 00
George W. Taylor, <i>Engineer</i> ,	600 00
	\$4,300 00

Number of other Persons actually employed in the Hospital.

OCCUPATIONS.	Males.	Females.	Total.
Subordinate Officers,	2	3	5
General Attendants,	10	12	22
Special Attendants,	2	1	3
Assistant Seamstress,	—	1	1
House work, centre building,	—	2	2
In kitchen,	2	3	5
In laundry,	—	2	2
Watchman,	1	—	1
Carpenter,	1	—	1
Assistant Engineer,	1	—	1
Hostler,	1	—	1
Farm Hands,	3	—	3
Total,	23	24	47

